We Claim:

1. An implantable microcontact structure for neuroprostheses having a number of contact elements that are formed on at least one two-dimensional carrier wherein the carrier has at least two regions that are movable relative to one another and that can assume at least two desired positions being a basic position and an operating position.

2. The microcontact structure according to Claim 1 wherein the desired positions of the microcontact structure can be fixed, interchanged or altered by external action before the implantation, during a surgical intervention or by external signals without surgical intervention.

3. The microcontact structure according to Claim 1 wherein the spatial extent of the microcontact structure is minimized during the surgical transportation to the implant point by compacting the parts that are movable relative to one another.

4. The microcontact structure according to Claim 3 wherein the spatial extent of the microcontact structure is minimized during the surgical transportation to the implant point by folding, nesting or rolling.

5. The microcontact structure according to Claim 3 wherein compacting of the microcontact structure during the surgical transportation can be released after positioning at the implantation point and brought to one of the desired positions for the purpose of mechanical anchorage to nerve tissue.

6. The microcontact structure according to Claim 3 wherein the compacting of the microcontact structure during the surgical transportation remains locked by a transportation lock until said transportation lock is released by an external intervention.

7. The microcontact structure according to Claim 6 wherein after releasing the transportation lock, the microcontact structure unfolds or opens out of the compact transportation shape in a controlled movement sequence into a position suitable for mechanical anchorage as a result of releasing forces at the junctions between the parts of the microcontact structure.

8. The microcontact structure according to Claim 7 wherein the releasing forces are spring forces, molecular conformation changes, pneumatic forces, hydraulic forces and/or electromagnetic forces.

9. The microcontact structure according to Claim 1 wherein the interchange or the alteration of a desired position of the microcontact structure for the purpose of its mechanical anchorage on the nerve tissue takes place in a measured manner in a time-controlled sequence with respect to movement and force as a result of external action.

10. The microcontact structure according to Claim 1 wherein the interchange or the alteration of a desired position of the microcontact structure for the purpose of optimizing a contact or an active connection with the nerve tissue takes place in a measured manner in a time-controlled sequence with respect to movement and force as a result of an external action.

11 The microcontact structure according to Claim 9 wherein the external action takes place by means of a surgical device or by means of transmitting signals to the microcontact structure,

12. The microcontact structure according to Claim 10 wherein the external action takes place by means of a surgical device or by means of transmitting signals to the microcontact structure, in particular by electromagnetic signals, light or ultrasound.

13. The microcontact structure according to Claim 11 wherein the signals are electromagnetic signals, light or ultrasound.

14. The microcontact structure according to Claim 12 wherein the signals are electromagnetic signals, light or ultrasound.

15. The microcontact structure according to Claim 1 wherein the interchange of the desired position chosen for the mechanical anchorage of the microcontact structure on the nerve tissue for the purpose of re-explantation takes place in a measured manner in a time-controlled sequence with respect to movement and force by an external action.

16. Method for using a microcontact structure wherein the microcontact structure according to claim 1 is used for retinal implantation for a retina implant or for intracranial implantation on nerve tissue inside the skull or for spinal implantation on nerve tissue of the spinal cord and its surroundings or for implantation on peripheral nerves.